

FIG. 1

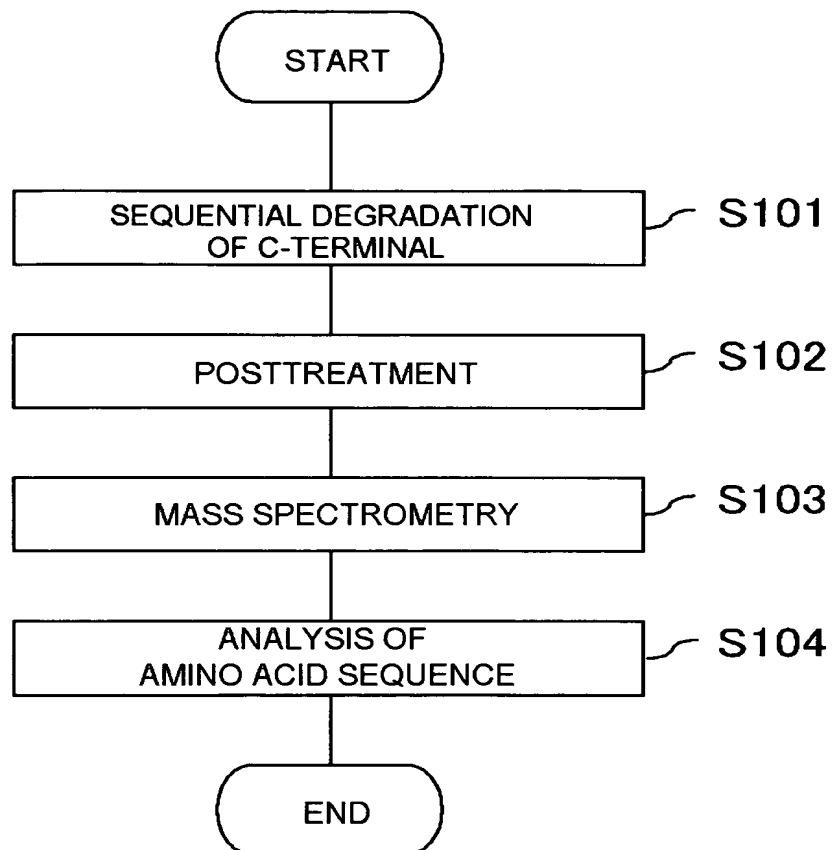


FIG. 2

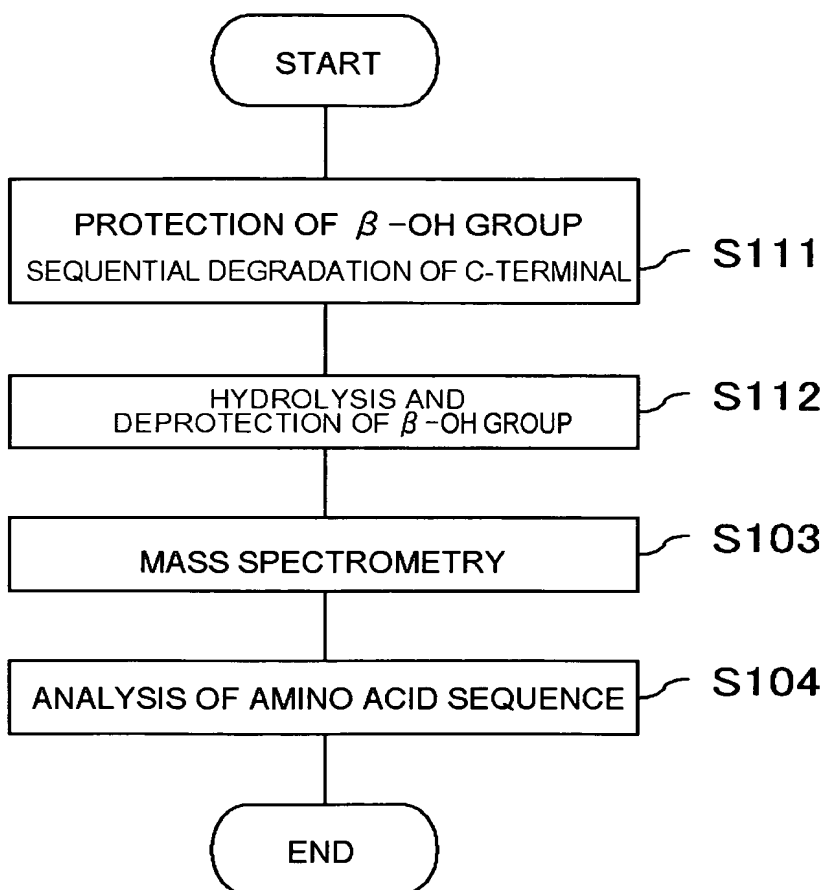


FIG. 3

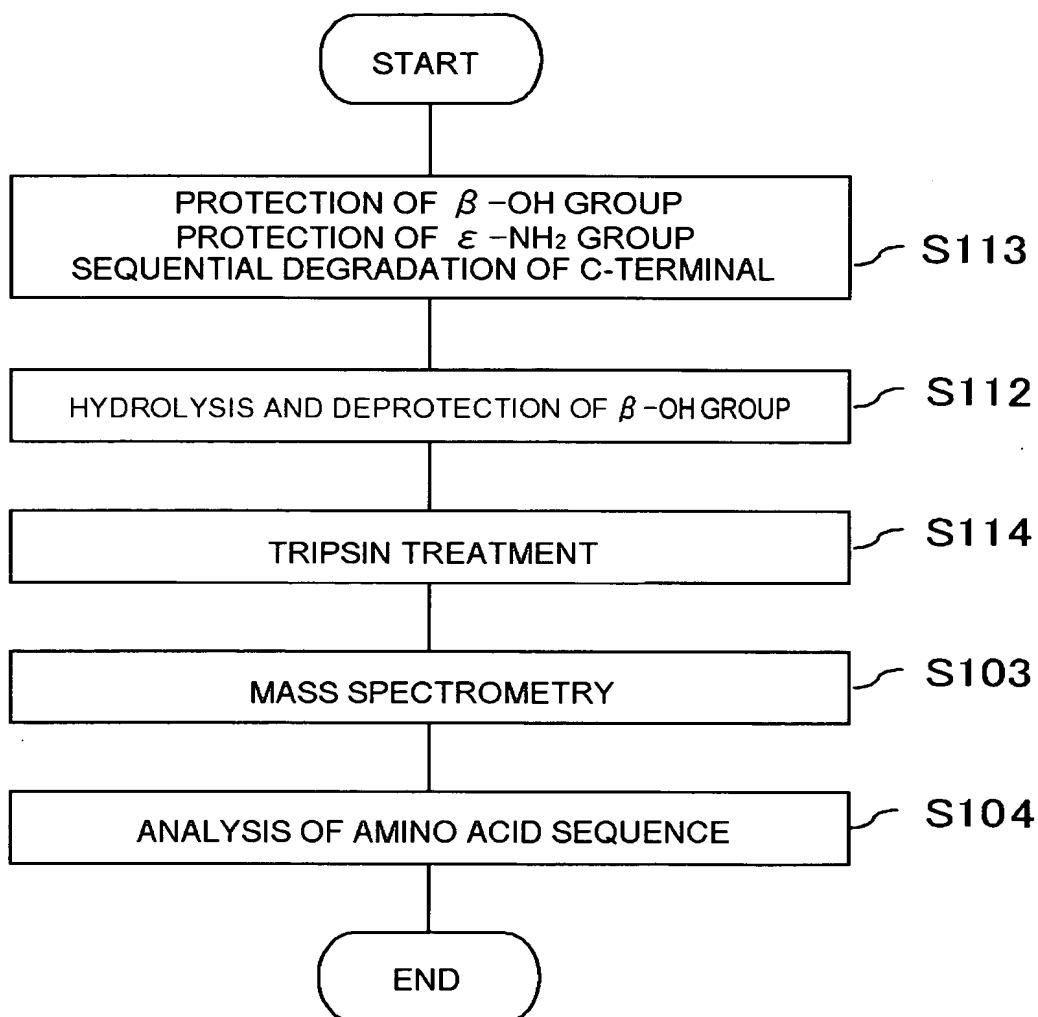


FIG. 4

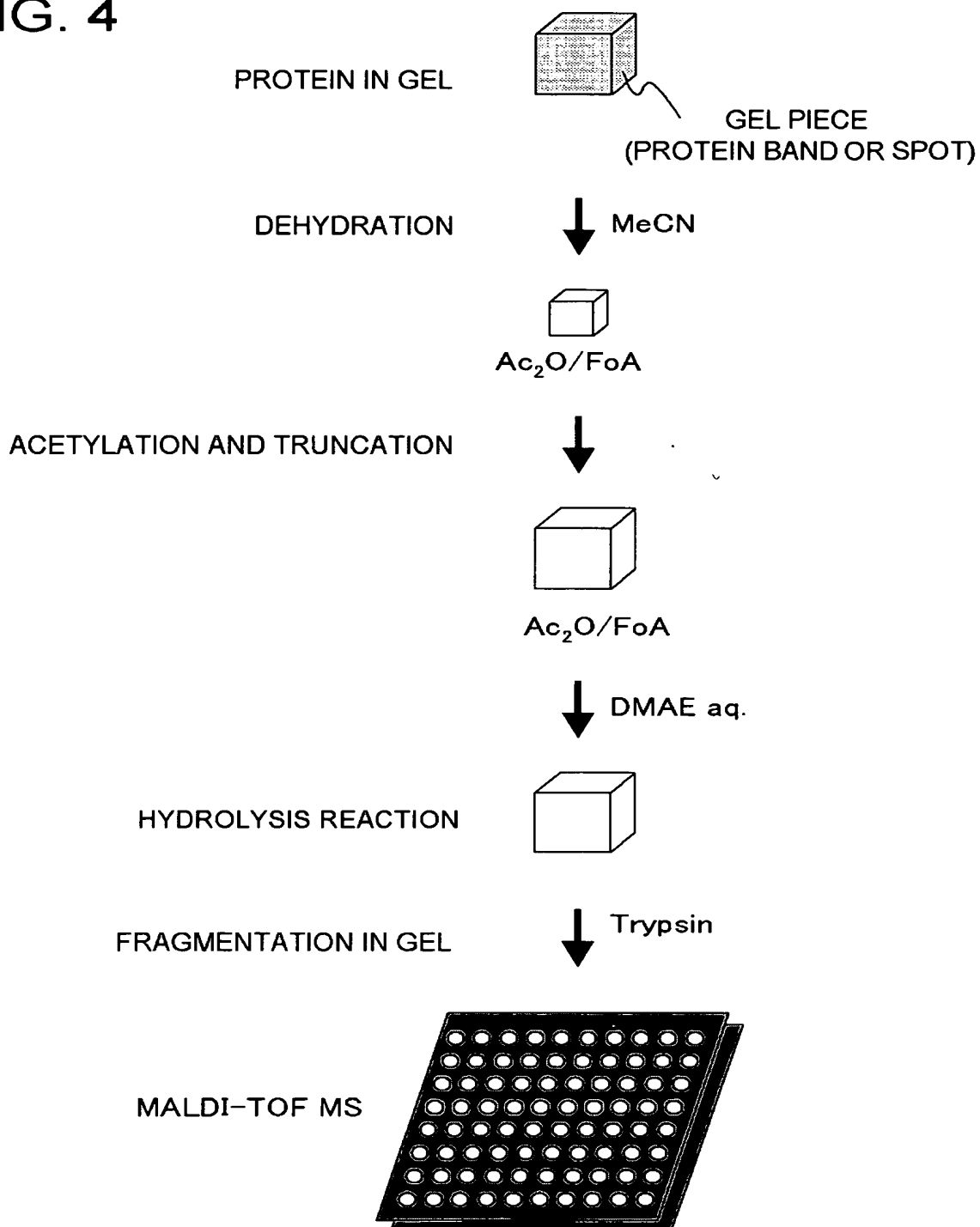


FIG. 5

REACTION CONDITION OF ACETYLATION AND TRUNCATION OF PROTEIN IN GEL (WITHOUT USE OF PERFLUORIC ACID)

REACTION	REAGENT COMPOSITION	TEMPERATURE	PERIOD
ACETYLATION AND TRUNCATION	1%~30% Ac₂O/FoA	50~100°C	4 TO 110 HOURS

REACTION CONDITION OF HYDROLYSIS OF PROTEIN IN GEL

REACTION	REAGENT COMPOSITION	TEMPERATURE	PERIOD
HYDROLYSIS	10~20% AQUEOUS DMAE SOLUTION	50~70°C	30 TO 120 MINUTES

FIG. 6

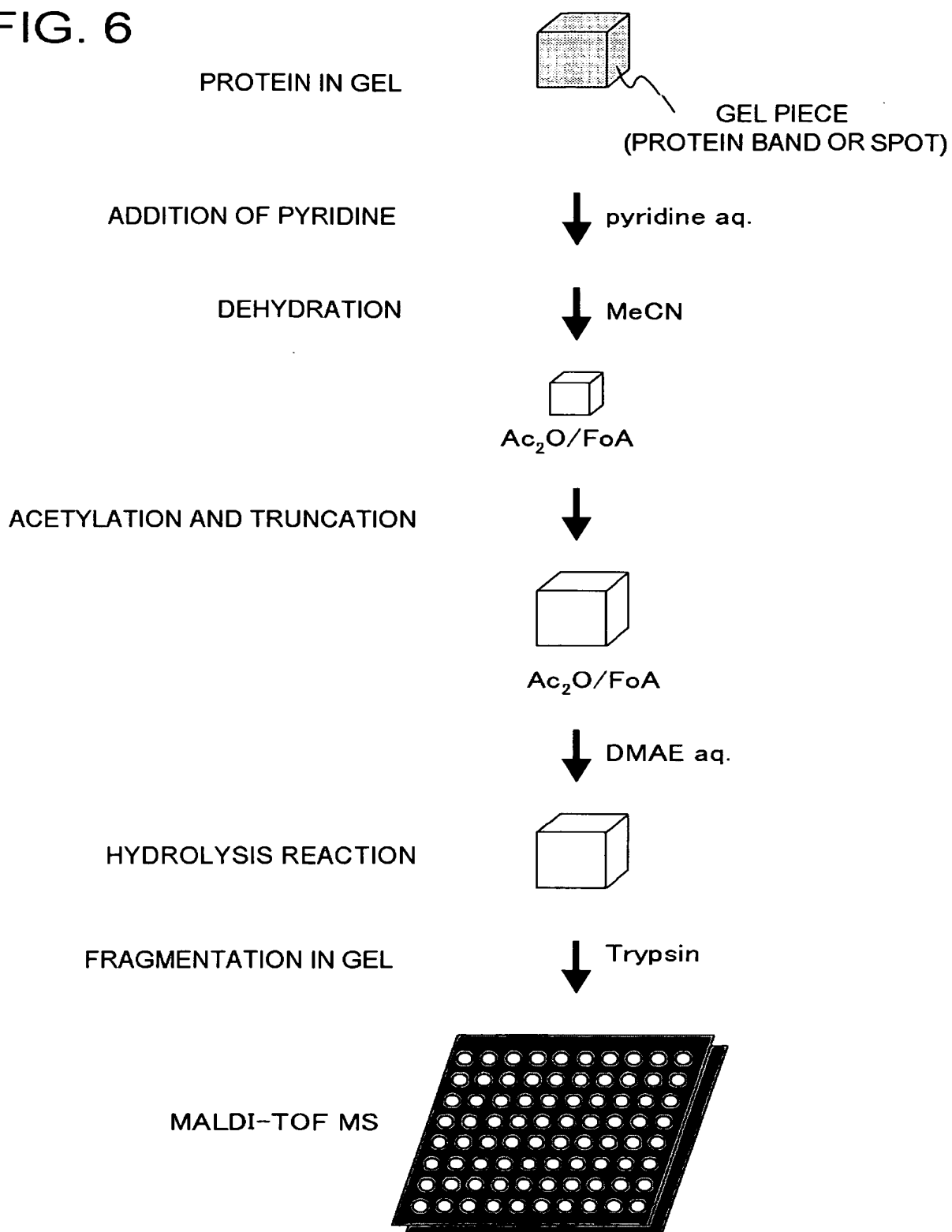


FIG. 7

myoglobin-horse									
[1-153] mass = 17738.180									
Cleavage at R									
Small polar:	D(7)	E(13)	N(3)	Q(6)					
Large polar:	K(19)	R(2)	H(11)						
Small non-polar:	S(5)	T(7)	A(15)	G(15)					
Large non-polar:	L(17)	I(9)	V(7)	M(2)	F(7)	Y(2)	W(2)		
Special:	C(0)	P(4)							
K[16] + 42.04	K[42] + 42.04	K[45] + 42.04	K[47] + 42.04						
K[50] + 42.04	K[56] + 42.04	K[62] + 42.04	K[63] + 42.04						
K[77] + 42.04	K[78] + 42.04	K[79] + 42.04	K[87] + 42.04						
K[96] + 42.04	K[98] + 42.04	K[102] + 42.04	K[118] + 42.04						
K[133] + 42.04	K[145] + 42.04	K[147] + 42.04							
1	G	L	S	D	G	E	W	Q	Q
31	R	I	f	t	g	h	p	e	t
61	I	k	k	h	g	t	v	v	I
91	q	s	h	a	t	k	h	k	i
121	g	n	f	g	a	d	a	q	g
151	F	Q	G						
(1)	[1-31] = 3444.742			(2)	[32-139] = 12692.649			(3)	[140-153] = 1636.809

FIG. 8

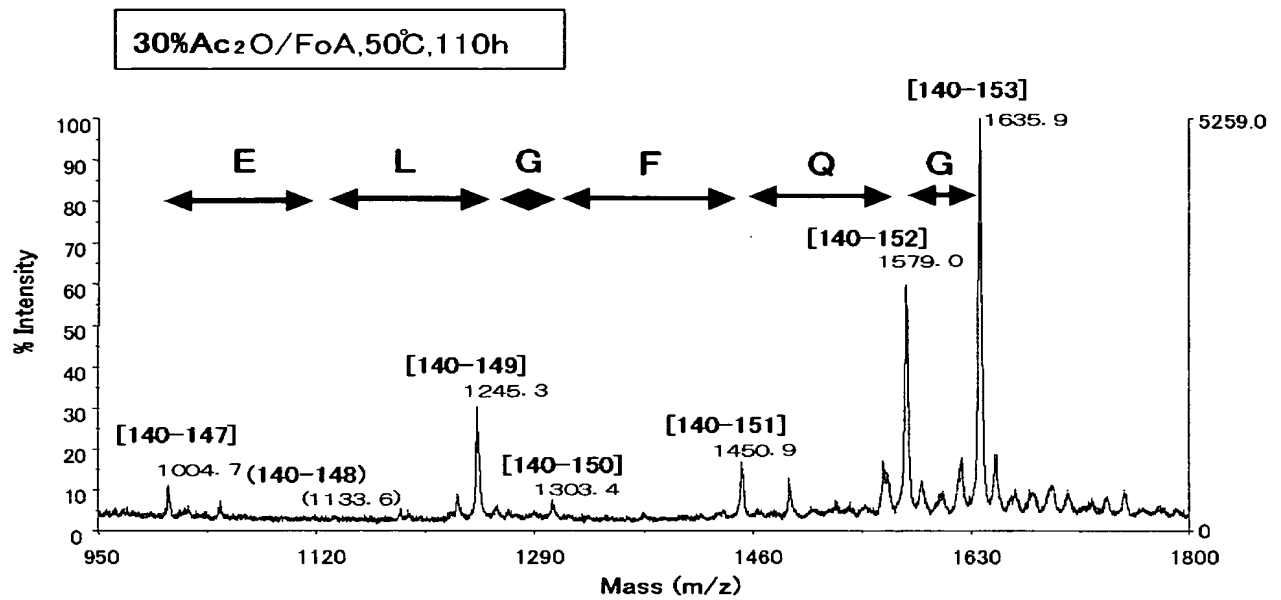


FIG. 9

AFTER PRETREATMENT WITH AQUEOUS 1% PYRIDINE SOLUTION,
30% Ac_2O / F_0A , 60°C, 16 HOURS

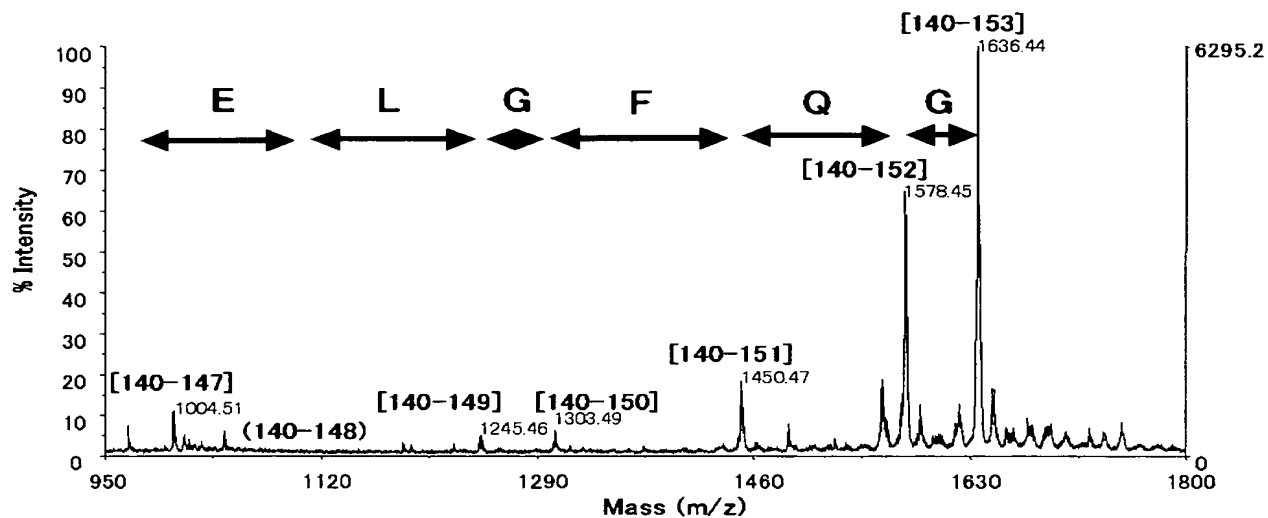


FIG. 10

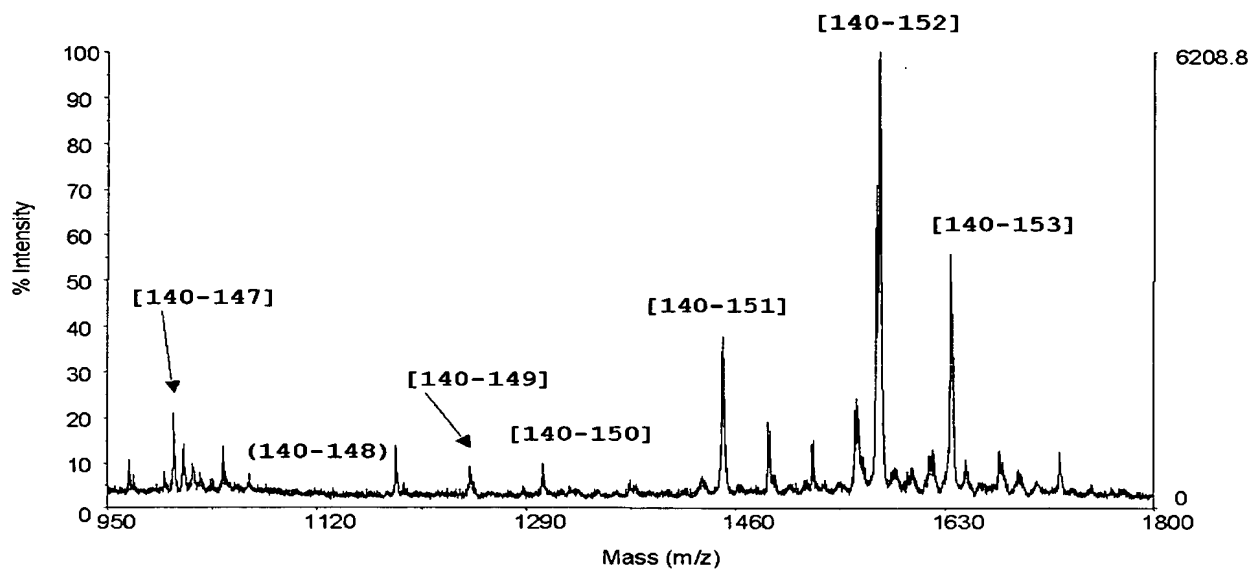


FIG. 11

AFTER PRETREATMENT WITH AQUEOUS 20% PYRIDINE SOLUTION,
30% Ac_2O / F_0A , 60°C, 1 HOUR

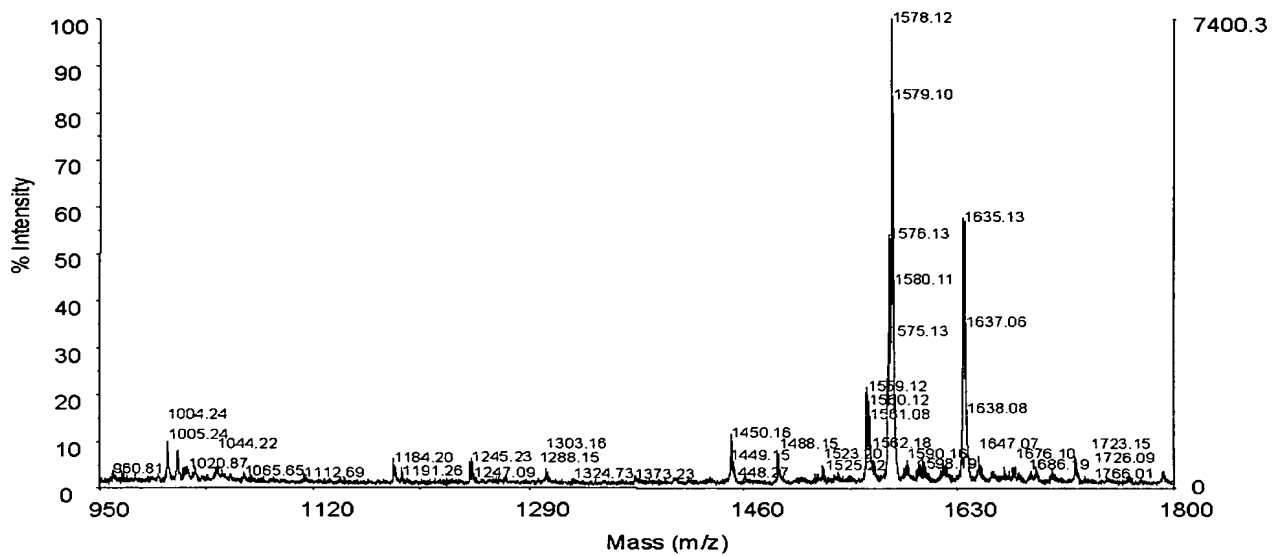


FIG. 12

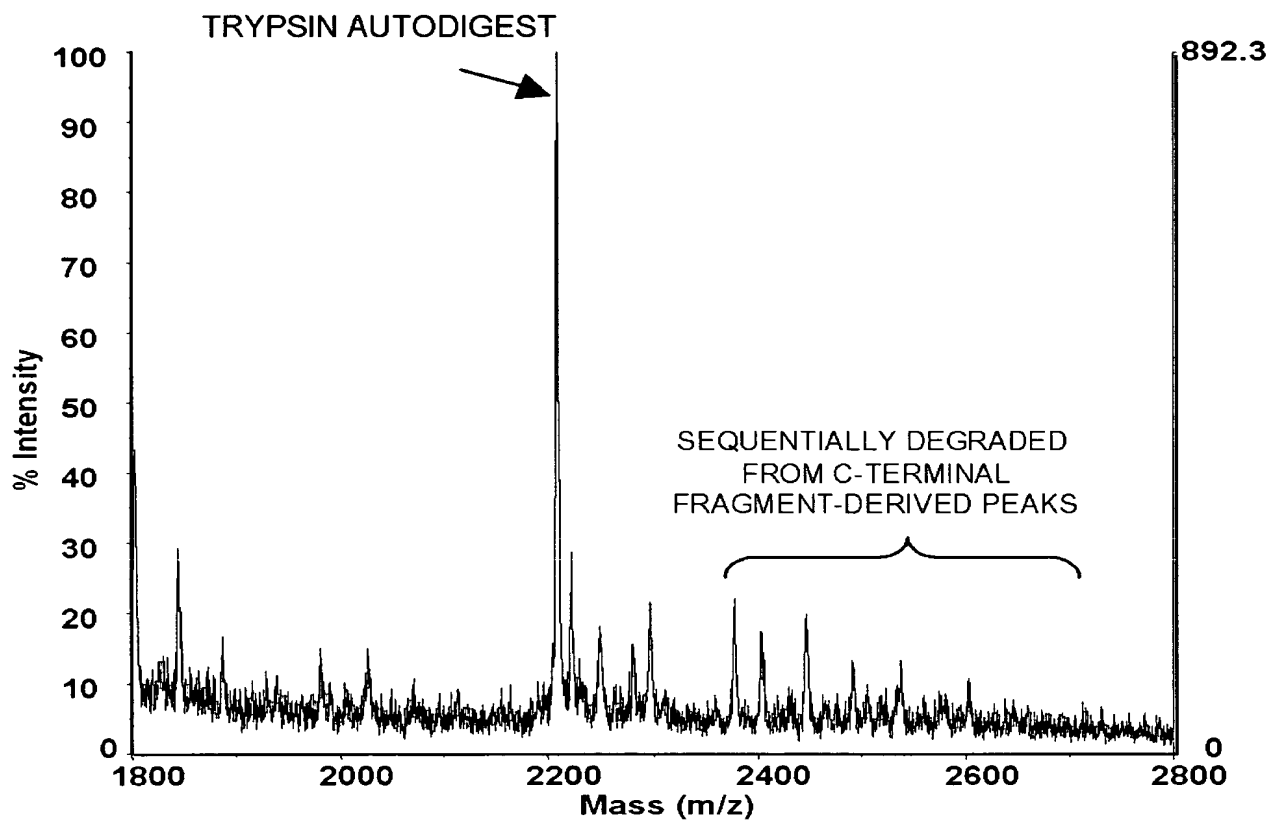


FIG. 13

